

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

7438

Applicants	N.A. Williams and T.R. Hirst
US Nat. Phase Entry	PCT/GB99/02970
	Filing Date: 7 March 2001
Title of Application	Peptide Fragments of Cholera Toxin B or Enterotoxin B as Vaccine Adjuvants

Box Sequence
Commissioner of Patents
and Trademarks
Washington, DC 20231

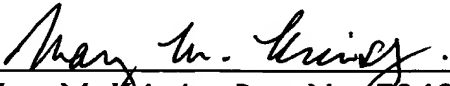
**SUBMISSION OF COMPUTER
READABLE COPY OF SEQUENCE LISTING**

Dear Sir:

Submitted herewith is a computer readable copy on a 3.5" 1.44 Mb diskette of the Sequence Listings for the sequences in the above-identified application, with each listing assigned a separate identifier as set forth in the application. Each submitted sequence listed herein and each computer readable copy on the enclosed diskette are the same, and are the same as what was originally filed internationally on 7 September 1999. The section was reformatted to conform to U.S. practice, but no new matter is presented.

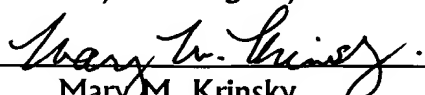
Respectfully submitted,

March 7, 2001


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I hereby certify that this correspondence is today being deposited with the U.S. Postal Service as Express Mail, No. EL572277083US, to the Commissioner of Patents and Trademarks, Washington, DC 20231.

7 March 2001


Mary M. Krinsky

Gly Ala Thr Phe Gln Val Glu Val Pro Gly Ser Gln His Ile Asp
5 10 15
Ser Gln Lys Lys Ala Ile
20

Gly Glu Thr Phe Gln Val Glu Val Pro Gly Ser Gln His Ile Asp
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Ser Gln Lys Lys Ala Ile
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Leu Arg Asn Glu Thr Thr Thr Thr Lys Gly Asp Tyr Cys
5 10

SEQ ID No 1

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SEQ ID No 2

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EVPGSQH

SEQ ID No 3

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SEQ ID No 4

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SEQ ID No 5

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25

[illegible]